



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

**DEC 14 2000**

DOT-E 11967  
(SECOND REVISION)

EXPIRATION DATE: January 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Savage Industries, Inc.  
Pottstown, PA

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes tank cars, containing hazardous materials identified in paragraph 6, to remain standing with unloading connections attached when no product is being transferred, provided that a minimal level of monitoring, as specified in this exemption is maintained, and provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.302(c) in that marking the exemption number on the tank car is waived; and § 174.67 (i) and (j).
5. BASIS: This exemption is based on Savage Industries, Incorporated's application dated December 23, 1999, submitted in accordance with § 107.109, and a subsequent letter dated May 3, 2000.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Acetone	3	UN1090	II
Bisulfites, aqueous solutions, n.o.s.	8	UN2693	III
Caustic alkali liquids, n.o.s.	8	UN1719	II, III
Combustible liquids, n.o.s.	Combustible liquid	NA1993	III
Corrosive liquids, n.o.s.	8	UN1760	I, II, III
Environmentally hazardous substances, liquid, n.o.s.	9	UN3082	III
Ethyl methyl ketone	3	UN1193	II
Ferric chloride solution	8	UN2582	III
Ferrous chloride solution	8	UN1760	II
Flammable liquids, n.o.s.	3	UN1993	I, II, III
Fluorosilicic acid	8	UN1778	II
Fuel oil	3	NA1993	III
Gasoline	3	UN1203	II
Hazardous waste liquids, n.o.s.	9	NA3082	III
Heptanes	3	UN1206	II
Hexanes	3	UN1208	II
Hydrochloric acid solution	8	UN1789	II
Hydrogen peroxide, aqueous solutions with more than 40 percent but not more than 60 percent hydrogen peroxide (stabilized as necessary)	5.1	UN2014	II
Hydrogen peroxide, aqueous solutions with not less than 20 percent but not more than 40 percent hydrogen peroxide (stabilized as necessary)	5.1	UN2014	II
Hydrogen peroxide, stabilized or hydrogen peroxide, aqueous solutions with more than 60 percent hydrogen peroxide	5.1	UN2015	I
Isopropanol or isopropyl alcohol	3	UN1219	II

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Petroleum oil	3	UN1270	I, II, III
Phosphoric acid	8	UN1805	III
Potassium hydroxide solution	8	UN1814	II, III
Sodium hydroxide solution	8	UN1824	II
Sulfuric acid with more than 51% acid	8	UN1830	II
Tetrahydrofuran	3	UN2056	II
Toluene	3	UN1294	II
Toluene diisocyanate	6.1	UN2078	II
Triethylamine	3	UN1296	II
Petroleum distillates, n.o.s. or petroleum products, n.o.s.	3	UN1268	I, II, III
Ethanol	3	UN1170	II
Methanol	3	UN1230	II
Diisobutylene, isometric compounds	3	UN2050	II
Acetic acid, glacial	8	UN2789	II
Nitrites, inorganic, aqueous solutions, n.o.s.	3	UN2265	II, III
Xylenes	3	UN1307	II, III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are DOT specification tank cars authorized for the material specified meeting all DOT specification requirements.

b. The facility operator must protect the unloading operations by either:

(i) Lining any manually operated switch, under the proprietary control of the exemption holder that provides access to the track on which the equipment is located, against movement to that track and locking with an effective locking device operable only by a representative of the facility; and

(ii) Installing a bi-directional derail in an effective location (at least 50 feet when possible)

from the end of the equipment to be protected by the caution sign. The person performing the unloading operation must lock the device in the derailing position with an effective locking device operable only by a representative of the facility.

c. The facility operator must designate an employee responsible for on-site monitoring of the transfer facility in the absence of the unloader. The designated employee must be made familiar with the nature and properties of the product contained in the tank car, procedures to be followed in the event of an emergency; and, in the event of an emergency, have the ability and authority to take responsive actions.

d. When a signaling system is used (including a monitoring system or a sensing device), the system must be capable of alerting the designated employee in the event of an emergency and providing immediate notification of any monitoring system malfunction. If the monitoring system does not have self-monitoring capability, the designated employee must check the monitoring system hourly for proper operation. (For recommendations on the selection, installation and maintenance of signaling systems, see NFPA 72 - Installation, Maintenance and Use of Protective Signaling Systems.)

e. In the absence of the unloader:

(1) the tank car and facility shutoff valves must be secured in the closed position;

(2) no product may be transferred; and

(3) the requirements of § 174.67(a)(2) and (3) apply.

8. SPECIAL PROVISIONS:

a. The facility operator must have written safety procedures on file at each location that uses this exemption. The facility operator must instruct each employee performing any function under this exemption on the contents of these procedures and ensure compliance with them. The written procedures must contain at least the following:

(1) A physical description of the facility including the address and hours of operation.

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(2) A drawing of the transfer facility showing natural and manmade barriers, locations of protective equipment (i.e. derail and caution sign), locations of emergency equipment and locations of signalling equipment.

(3) Procedures for monitoring the transfer facility [see paragraphs 7(a) and (b)].

(4) Information on the contents of the tank car including:

- (i) chemical or common name of the product
- (ii) health and physical hazards involved in handling the product
- (iii) emergency and first aid procedures

(5) Procedures for securing the transfer facility and protective equipment including derail, switch locks, tank car brakes, caution sign and wheel blocks.

(6) Equipment available for employee safety and procedures for using the equipment.

(7) Procedures and limitations for movement of tank cars in the vicinity of the transfer facility.

(8) Testing and maintenance of system components including signaling systems.

(9) Training requirements for designated employees responsible for monitoring the transfer facility.

(10) Procedural steps in the event of an emergency, including names and phone numbers of key personnel and public agencies to contact.

(11) Procedures for reviewing incidents to determine whether the written procedures require revision or modification to prevent future occurrences and amending those procedures when the review necessitates changes.

b. The facility operator must establish and maintain liaison with fire, police and other appropriate public officials to learn the responsibilities and resources of each governmental agency that may be called upon to respond to an emergency involving the tank car and transfer facility

and acquaint the officials with the facility's capabilities and procedures in the event of an emergency.

c. The marking requirements § 172.302(c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.

10. MODAL REQUIREMENTS: None, except as required by the HMR.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

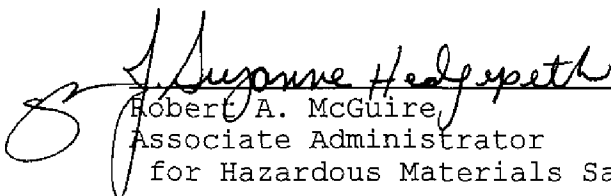
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
Robert A. McGuire,  
Associate Administrator  
for Hazardous Materials Safety

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Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

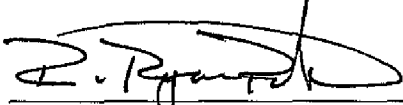
Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM

JUN 29 2001

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Albany TransFlo Albany, NY	12/23/99	2/15/00	1/31/2002
Brenntag West, Inc. Santa Fe Springs, CA	5/18/01	JUN 29 2001	1/31/2002
Elizabeth TransFlo Elizabeth, NJ	12/23/99	2/15/00	1/31/2002
Ogdensberg TransFlo Ogdensberg, NY	12/23/99	2/15/00	1/31/2002
Savage Terminal Hammond, IN	12/23/99	2/15/00	1/31/2002
Savage Terminal St. Louis, MO	12/23/99	2/15/00	1/31/2002
Savage Terminal Salt Lake City, UT	12/23/99	2/15/00	1/31/2002
Savage Terminal Portland, OR	12/23/99	2/15/00	1/31/2002



*RM* Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety